

## ABSTRACT

The present invention provides a method of screening genes based on expression information differing from gene expression information obtainable by DNA chip/DNA microarray techniques. The method of screening genes comprises performing in situ hybridization in respect of a tissue or cell sample from an organism using a probe which specifically hybridizes with mRNA and/or expression sequence tag being a product of gene expression, and examining localization of the mRNA and/or expression sequence tag in the tissue or cell.